

U. S. DEPARTMENT OF AGRICULTURE  
BUREAU OF BIOLOGICAL SURVEY

Form Bi-689

FIELD DIARY

Mr. E.A. Goldman

(Official title.)

Period, June 2 to June 25

1931  
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June 2, 1931

Left Washington, D.C. en route to Kaibab National Forest to make investigation with committee of conditions affecting deer.

June 3-4 - En route, arrived Flagstaff, Ariz. on 4<sup>th</sup> at 9 P.M. Met by Father.

June 5.

Rained at Flagstaff. Trip to Tait Valley in afternoon.

June 6.

Left Flagstaff about 10 a.m. with C. C. Gillham and Father. Arrived at Marble Canyon Bridge about 2 P.M. and set traps six miles beyond near turn into Havercrook Valley.

June 7. ~~Sp~~ Marbletown  
Canyon Bridge. Made trip ~~into~~  
Hawkes Valley where traps  
were taken up and reset.

June 8. V.T. Park.  
Took up traps and continued  
to V.T. arriving in evening.

June 9. Trip to Sawtooth  
Point and vicinity. Covered  
a large territory. Much dead stuff.  
Bear sign much reduced.

June 10. Trip to Jumpup.  
Point and vicinity. Conditions  
much as noted yesterday on Sawtooth.

June 11, Trip over north end  
of mt. ~~south~~ toward northeast end of mt.  
via Ryan and Big Spring.

Plot 33. in N. T. Park Aspen  
appearing some  $2\frac{1}{2}$  ft. high.  
Spruces less bushy and leaders  
better than outside.

Plot 23 - Oct. 25 - Good aspens  
up to 8 ft. high, near ~~neglect~~

Plot 38 - Northern rd of fence  
Aspen 8 to 9 ft. high - fence  
seen. Some sheep range.  
avg. 1927

Plot 37 - North rd sheep range.  
Aspen 6 ft. some willow  
2 ft.

June 11 con.

Cliff rose on northeastern end of mt. evidently diseased and much of it dying although not much browsed by deer. Better along Tefure ridge.

Juniper. Browed to some extent to on northeastern end of mt.

Sheep. Many sheep grazing on a part of a part of the game refuge not included in National Forest.

June 12 Trip to Powell Plateau.

Horses met us at Powell Falls and a party of about 20 rode down to a short distance below yellow pines into juniper-juniper - cliff rose belt where extensive browsings of cliff rose

June 12 con.

has rendered it about the same as Sawtooth. Much cliff rose has died since last trip. We did not go down on main winter range where conditions were the worst 2 years ago.

There appears however to be a lessening or slackening up of the rate of injury by deer.

Deer. Found more deer along the road today and apparently be in fair condition. ~~Some~~ Evidence that the large former numbers of deer are gone and everywhere. I doubt if there are more than  $\frac{1}{4}$  the number present in 1924.

June 13. Trip to  
Greenland and Point Imperial

June 14 Trip to  
South Canyon.

June 15 at V.P.  
Out selecting plots in afternoon.  
Rabes, Observations on each  
run near V.P. show most of them  
dead. Out of several a ~~dead~~  
life in one.

Ceanothus, a live on each  
run, trying to come up from ~~root~~  
outside of plots. More thrifly  
inside plot.

June 16 - N. J. to  
Grand Canyon Bridge,  
Left N. J. about 10 AM with  
A. A. Nichol and arrived at  
lodge at Bridge about 5 PM  
Set traps en route in Houserock Valley

June 17. At Grand  
Canyon Bridge.

A pretty good catch in Houserock  
Valley. ~~Set~~ some traps on  
east side of Colorado River.

In afternoon drove up to Old  
Fees Ferry. A few people living  
up there and a few acres of  
land are under cultivation,  
but locality quite barren.

~~by~~

Bluchea sericea (arrowweed) }  
Prosopis velutina mizpits }  
On sandy flats at about 3700  
4000 ft. along Colorado at Fees Ferry  
give a touch of Sonoran.

June 18 - Flagstaff,  
Ariz.

Left Grand Canyon Bridge  
about 8:30 A.M. and reached  
Leaweron at noon where  
Nichol and I had lunch and  
then drove up along east  
side of the Little Colorado in  
search of burrows of Thomomys  
latrostris. Visited Old Tanner  
crossing about 3 miles up  
from Leaweron, assumed to be  
type locality, but I learn  
from Bailey that the type  
probably came from a level  
higher up the stream where  
we could see some ~~colorado~~

Left Leaweron for Flagstaff  
about 4 P.M. and arrived in  
town about 6 P.M.

June 19. Flagstaff, Ariz.  
A. A. Nicol left for Tucson.  
I went with M. C. Whitgrave  
and Frank G. Pooler, Regional  
Forester at Albuquerque to  
the Johnson cattle Co.'s range  
on the Game refuge south  
of Williams and returned  
to Flagstaff. We entered  
the horse pasture near the  
rim but could not get down  
with a car as far as the  
yearlong winter range. In  
the horse pasture jumps and  
cliffs are broken up  
pretty surely by deer.

June 20, Flagstaff, Ariz.  
Remain at Flag. waiting to see  
~~see~~ G. G. Gilham and awaiting his  
correspondence.

June 21 (Sunday), <sup>Ariz.</sup> Flagstaff.  
Confused with Gilham.

June 22 - Left <sup>Flagstaff</sup>  
in route to Washington, D.C. at  
6:22 a.m.

June 23 in route

June 24 - Arrived  
Chicago 7:05 a.m. - Left Chi. 10 a.m.  
B.T.O. for Wash.

June 25. Arrived  
Washington, D.C. 7:20 a.m.

PENALTY FOR PRIVATE USE  
TO AVOID PAYMENT OF  
POSTAGE, \$300.

UNITED STATES DEPARTMENT OF AGRICULTURE  
BUREAU OF BIOLOGICAL SURVEY.  
WASHINGTON.

OFFICIAL BUSINESS.

U. S. Department of Agriculture,

Washington, D. C.

Bureau of Biological Survey.

1	Perog.	-8-136-75-18,5	6 mi. N. of Ridge	
2	Perog.	-9-181-100-21,5	"	
3	Dipod.	-9-277-167-43,5	"	
3a	" old.			
4	Am. S.	-234-74-32,5	Jacob's Park	
5	"	-230-79-30	"	
6	Dipod.	-8-281-170-43,5	part of 7 mi. S	
7	Am. S.	-114-37-20	Jacob's Park, 10 mi S	
8	Tha.	-6-230-75-30,5	part of 7 mi. S	
9	"	-217-70-29	"	
10	"	-210-69-30	"	
11	"	-175-62-29	"	
12	"	-160-51-26	"	
13	"	old.	"	
14	Dipod.	-8-244-145-41	Jacob's Park, 10 mi S	
15	"	-236-137-40	"	
16	"	-247-130-40	"	
17	"	-249-141-39,5	"	
18	Neot.	-8-297-132-31,5	10 mi S of Jacob's Park	
19	Dipod.	-8-273-162-42	6 mi N. of Ridge	
20	Am. S.	-149-44-21,5	10 mi S of Jacob's Park	
21	"	-150-45-21,5	"	

<del>22-♂ - 129 - 70 - 12</del>	<del>10 mi. S. Jacobs</del>
<del>23-♂ - 135 - 76 - 18</del>	<del>" same</del>
<del>24-♂ - 127 - 61 - 18</del>	<del>" same</del>
<del>25-♀ - 135 - 72 - 18,5</del>	<del>" 17</del>
<del>26-♀ - 125 - 63 - 18</del>	<del>"</del>
<del>27-♀ - 127 - 79 - 18,5</del>	<del>"</del>
<del>28-♂ - 150 - 148 - 42</del>	<del>Point of deepest - 2 mi. S. Franklin But &amp; G., June 18</del>

Jan 10  
Good weather on 10 of 8  
days in Jan. 10  
Mar 10

Geo. D Phell  
26 Broadway